

CLAIMS

1. (Currently Amended) An apparatus for interactively designing custom, decorative stonework, comprising:

a plurality of data modules, wherein the plurality of data modules at least comprise an architectural pictures module at least having a plurality of architectural pictures, a units module, a parts module, and a cross-sectional profiles module;

a correlation module, wherein the correlation module is at least configured to map data from the plurality of data modules;

a transfer protocol server, wherein the transfer protocol server is at least coupled to a computer network; and

an application module, wherein the application module is at least:

coupled to the transfer protocol server;

coupled to the correlation module; and

configured to interactively design custom, decorative stonework.

2. (Currently Amended) The apparatus of claim 1, wherein the correlation ~~unit~~module further comprises at least mapping units onto architectural pictures.

3. (Currently Amended) The apparatus of claim 1, wherein the correlation ~~unit~~module further comprises at least mapping parts onto architectural pictures.

4. (Original) The apparatus of claim 1, wherein the plurality of data modules further comprises a costs module.

5. (Original) The apparatus of claim 4, wherein the correlation unit further comprises at least mapping costs onto architectural pictures.
6. (Original) The apparatus of claim 5, wherein the application module further comprises at least having the ability to estimate costs of a user defined specification.
7. (Original) The apparatus of claim 1, wherein the plurality of data modules further comprises a computer aided design (cad) drawing module.
8. (Currently Amended) The apparatus of claim 7, wherein the correlation ~~unit~~module further comprises at least mapping cad drawings onto architectural pictures.
9. (Original) The apparatus of claim 8, wherein the application module further comprises at least having the ability to draw a user defined specification.
10. (Currently Amended) A method for interactively designing custom, decorative stonework, comprising:
 - accessing an application over a computer network;
 - selecting an architectural picture of a plurality of architectural pictures provided by the application;
 - at least mapping units[[.]] ~~and~~-costs[[.]] and cross-sectional profiles to the architectural picture;
 - selecting at least one architectural feature of the architectural picture;
 - storing the at least one architectural feature;

drawing a specification based one the at least one architectural feature; and
estimating a cost of manufacturing the decorative, custom stonework of the specification.

11. (Previously Presented) The method of claim 10, the method further comprises:
mapping a definition to the at least one architectural feature; and
displaying the definition to a user.
12. (Previously Presented) The method of claim 10, wherein the method further comprises
mapping at least one cad drawing to the at least one architectural feature.
13. (Previously Presented) The method of claim 10, wherein the method further comprises:
presenting the specification and the costs to a user;
determining if a bid is requested based on the specification and the costs; and
placing an order based on the bid.
14. (Currently Amended) A computer program product for interactively designing custom, decorative stonework, the computer program product comprising computer code embodied on a computer-readable medium, the computer ~~code program product~~ comprising:
computer code for accessing an application over a computer network;
computer code for selecting an architectural picture of a plurality of architectural pictures provided by the application;
computer code for at least mapping units, ~~[[and]]~~ costs, and cross-sectional profiles to the architectural picture;
computer code for selecting at least one architectural feature of the architectural picture;

- computer code for storing the at least one architectural feature;
- computer code for drawing a specification based on the at least one architectural feature;
- and
- computer code for estimating a cost of manufacturing the decorative, custom stonework of the specification.
15. (Original) The computer program product of claim 14, wherein the computer program product further comprises:
- computer code for mapping a definition to the at least one architectural feature; and
- computer code for displaying the definition to a user.
16. (Currently Amended) The computer program product of claim 14, wherein the computer program product further comprises computer code for ~~at least~~-mapping at least one cad drawing to the at least one architectural feature.
17. (Original) The computer program product of claim 14, wherein the computer program product further comprises:
- computer code for presenting the specification and the costs to a user;
- computer code for determining if a bid is requested based on the specification and the costs; and
- computer code for placing an order based on the bid.

18. (Currently Amended) A processor for interactively designing custom, decorative stonework, the processor including a computer program embodied on a computer readable storage medium, the computer program comprising:

computer code for accessing an application over a computer network;

computer code for selecting an architectural picture of a plurality of architectural pictures provided by the application;

computer code for at least mapping units and costs and cross-sectional profiles to the architectural picture;

computer code for selecting at least one architectural feature of the architectural picture;

computer code for storing the at least one architectural feature;

computer code for drawing a specification based one the at least one architectural feature;

and

computer code for estimating a cost of manufacturing the decorative, custom stonework of the specification.

19. (Currently Amended) The ~~computer code~~processor of claim 18, wherein the computer code further comprises:

Computer code for mapping a definition to the at least one architectural feature; and

Computer code for displaying the definition to a user.

20. (Currently Amended) The ~~computer code~~processor of claim 18, wherein the computer code further comprises computer code for at least mapping at least one cad drawing to the at least one architectural feature.

21. (Currently Amended) The ~~computer code~~processor of claim 18, wherein the computer code further comprises:
- computer code for presenting the specification and the costs to a user;
- computer code for determining if a bid is requested based on the specification and the costs; and
- computer code for placing an order based on the bid.
22. (Currently Amended) The ~~computer program product~~processor of claim 18, wherein the computer code further comprises computer code for generating at least one CAD drawing based on a user selection of at least one of the mapped cross sectional profiles.
23. (Currently Amended) The ~~computer program product~~processor of claim 18, wherein the computer code further comprises:
- computer code for dividing the at least one architectural feature into at least one unit and at least one part corresponding to the at least one unit; and
- computer code for creating a CAD drawing showing the at least one part marked with the corresponding unit name the at least one part name.
24. (Previously Presented) The apparatus of claim 9, wherein the application module further comprises at least having the ability to generate at least one CAD drawing based on a user selection of at least one of the mapped cross sectional profiles.

25. (Previously Presented) The apparatus of claim 9, wherein the application module is further configured to at least:
- divide at least one of the plurality of architectural pictures into at least one unit and at least one part corresponding to the at least one unit; and
- create a CAD drawing showing the at least one part marked with the corresponding unit name the at least one part name.
26. (Previously Presented) The method of Claim 10, wherein the method further comprises generating at least one CAD drawing based on a user selection of at least one of the mapped cross sectional profiles.
27. (Previously Presented) The method of Claim 10, wherein the method further comprises:
- dividing the at least one architectural feature into at least one unit and at least one part corresponding to the at least one unit; and
- creating a CAD drawing showing the at least one part marked with the corresponding unit name the at least one part name.
28. (Previously Presented) The computer program product of Claim 14, wherein the computer program product further comprises computer code for generating at least one CAD drawing based on a user selection of at least one of the mapped cross sectional profiles.
29. (Previously Presented) The computer program product of Claim 14, wherein the computer program product further comprises:

computer code for dividing the at least one architectural feature into at least one unit and at least one part corresponding to the at least one unit; and
computer code for creating a CAD drawing showing the at least one part marked with the corresponding unit name the at least one part name.

30. (New) The apparatus of Claim 1, wherein the correlation module is at least configured to map data from the plurality of data modules based on a first association between a first unit in the units module and at least one other unit in the units module, and wherein the first association comprises a characteristic of the first unit shared with the at least one other unit that is inferred from the apparent intent of the user.

31. (New) A system for assisting a user to select at least one item in an items database, the system comprising:

a display configured to present to the user at least a first item from the items database;
an associative database comprising a plurality of data modules, wherein the data in the plurality of data modules comprises indicia identifying items in the items database and a first association between the first item and at least one other item; and
a correlation module configured to map data from the plurality of data modules to the display based on the first association.

32. (New) The system of Claim 31, wherein the first association comprises a characteristic of the first item shared with the at least one other item that is inferred from the apparent intent of the user.

33. (New) The system of Claim 32, wherein the plurality of data modules comprised a units module for storing indicia identifying structural components of a building; a parts module for storing indicia identifying portions of the structural components identified in the units module, and a profiles module for storing indicia identifying physical features of the portions of the structural components identified in the parts module, and wherein the first item comprises an indicia from one of the units module, the parts module, or the profiles module.

34. (New) The system of Claim 33 further comprising an application module for providing access to the items database by presenting the display to the user and receiving user selections of items on the display.

35. (New) The system of Claim 34, wherein the application module is configured to display to the user an architectural picture, wherein the architectural picture comprises at least the first item.

36. (New) The system of Claim 35, wherein the plurality of data modules further comprises a costs module for storing costs of each item in the items database, and a CAD drawings module for storing CAD drawings of each item in the items database, and wherein upon a selection by a user of an item from the items database, the correlation module maps the CAD drawings and the costs corresponding to the item to a specification.

37. (New) The system of Claim 33, wherein the correlation module is configured to map a definition to the display upon a user selection of an item presented on the display.